

Amendments to the Claims

Please amend claim 1 and cancel claims 4 – 6 without prejudice to the subject matter involved.
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended): A microencapsulated agrochemical composition comprising an aqueous dispersion of microcapsules having material encapsulated therein wherein the microcapsules have a mean diameter of less than 2 microns and a total polymer wall concentration of less than 3 % by weight of the total composition and wherein the material encapsulated within the microcapsules comprises (a) an agrochemical (b) a water-insoluble, bioperformance-enhancing adjuvant for said agrochemical wherein said adjuvant ~~has little or no surfactant properties~~, has a Hydrophile / Lipophile balance of 9 or less and is selected from a compound of formula (I)



and alkoxyated derivatives thereof wherein R is a branched or straight chain alkyl or alkenyl group having from 12 to 20 carbon atoms and X is hydroxy; primary, secondary, tertiary or quaternary amine; amine oxide; phosphonate; phosphate; phosphate ester; thiol; sulfoxide; sulphone; sulphonate; sulphate; a heterocyclic moiety; glucoside; polyglucoside or alkylated glucoside; sarcosinate; betaine; amidoamine; carboxylic acid; amide; ester; ether sulphate; ether amine; ether carboxylate; or ether phosphonate; provided that when the adjuvant is alkoxyated, the alkoxy group contains an average of from 1 to 2 ethoxy groups per adjuvant molecule or from 1 to 20 propoxy or butoxy groups per adjuvant molecule; and
(c) a water-immiscible solvent in which both the agrochemical and adjuvant are soluble and wherein the ratio of adjuvant to agrochemical is from 1:50 to 200:1.

Claims 2 – 6 (canceled).

Claim 7. (Previously presented) A composition according to claim 1, wherein R is an optionally alkoxyated branched or straight chain alkyl or alkenyl group containing from 16 to 20 carbon atoms.

Claim 8. (Previously Presented) A composition according to claim 7, wherein R is an optionally alkoxyated C₁₆ branched chain alkyl or C₁₆ alkenyl group.

Claim 9. (Previously Presented) A composition according to claim 8, wherein R is optionally alkoxyated oleyl or isostearyl.

Claim 10. (Previously presented) A composition according to claim 1, wherein the ratio of adjuvant to agrochemical is from 1:5 to 20:1.

Claim 11. (Previously presented) A composition according to claim 1, wherein the agrochemical is a lipophilic agrochemical.

Claim 12. (Previously presented) A composition according to claim 1, wherein the water-immiscible solvent is diesel oil; isoparaffin; xylene; a propyl benzene fraction; a mixed naphthalene and alkyl naphthalene fraction; a mineral oil; white oil; castor oil; sunflower oil; kerosene; a dimethyl amide of caprylic acid; a chlorinated aliphatic or aromatic hydrocarbon; the acetate of the n-butyl, ethyl, or methyl ether of diethylene glycol; the acetate of the methyl ether of dipropylene glycol; methylethylketone; isophorone; methyl or trimethylcyclohexanone (dihydroisophorone); hexyl or heptyl acetate; methyl oleate; or octyl methyl cinnamate; or mixtures of two or more thereof.

Claim 13. (Previously presented) A composition according to claim 1, wherein the adjuvant is of formula (II)



wherein R_1 is a C_{16} to C_{20} straight or branched chain alkyl or alkenyl group, R_2 is ethyl or isopropyl, n is from 8 to 30 and m is 0 or 1 and when R_2 is ethyl, R_3 is a C_1 to C_7 alkyl group and when R_2 is isopropyl, R_3 is hydrogen or a C_1 to C_7 alkyl group.